

ST-REL3-SG220/21

Order No.: 2822040

The illustration shows version ST-REL3-SG 24/21

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2822040>

Relay connector, equipped with Siemens KAMMRELAIS ®, contacts
(Ag): medium loads, 1 PDT, input voltage 220 V DC, with light
indicator, can be plugged on basic termination blocks

Commercial data

GTIN (EAN)	4017918077198
Note	Made-to-order
sales group	G011
Pack	10 pcs.
Customs tariff	85364900
Weight/Piece	0.05123 KG
Catalog page information	Page 81 (IF-2002)

Product notes

WEEE/RoHS-compliant since:
01/08/2007



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Technical data

Coil side

Nominal input voltage U_N	220 V DC
Input voltage range in reference to U_N	0.8 ... 1.1
Nominal input current at U_{IN}	9 mA
Typical response time	5 ms (with DC)
Typical release time	25 ms (with DC)
Operating voltage display	Yes
Name of protection	Damping diode, polarity protection
Protective circuit/component	Damping diode, polarity protection diode

Contact side

Contact type	Single contact, 1-PDT
Contact material	Silver (Ag), gold-flashed
Maximum switching voltage	250 V AC/DC
Maximum inrush current	5 A
Limiting continuous current	5 A
Interrupting rating (ohmic load) max.	120 W (for 24 V DC)
	60 W (for 48 V DC)
	50 W (for 60 V DC)
	50 W (for 110 V DC)
	70 W (for 220 V DC)
	500 VA (for 250 V AC)

General data

Width	20.8 mm
Height	66.5 mm
Depth	33 mm
Test voltage relay winding/relay contact	1 kV AC (50 Hz, 1 min)
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Operating mode	100% operating factor
Service life mechanical	Approx. 10^7 cycles (approx. 10^6 with AC relay)
Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC
	DIN VDE 0160 (in relevant parts)

Certificates / Approvals



Certification

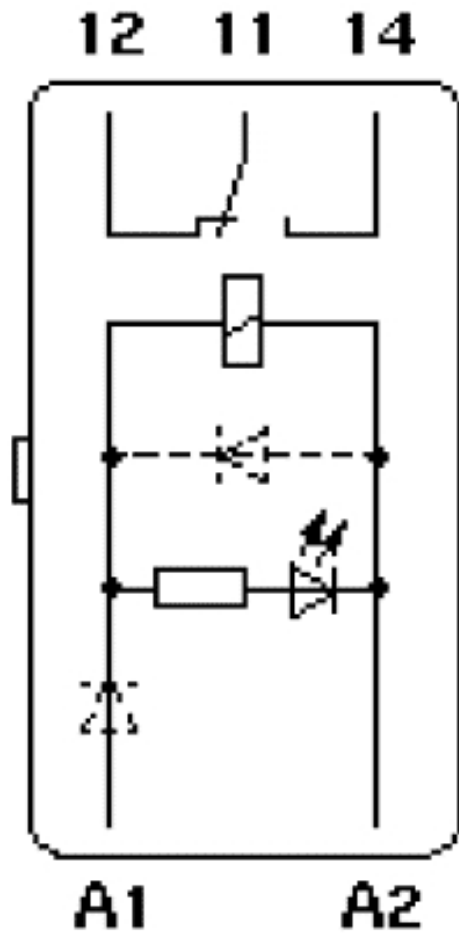
GOST

Additional products

Item	Designation	Description
General		
2777043	UDK-RELG 3	Basic termination blocks with test connection on both sides and double connections with the same potential for NS 32 and NS 35/7,5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.
2820136	URELG 3	Basic termination blocks with screw connection for NS 32 and NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.
2820709	URELG 3-PMTK	Basic termination blocks with test connection on both sides and knife disconnection for NS 32 and NS 35/7,5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.
2829917	ZFK-RELG 3	Basic termination blocks with spring-cage connection for NS 35/7.5 DIN rail, with end cover, for ST-REL..., ST-OV... and ST-OE... plugs, 3-pos.

Diagrams/Drawings

Circuit diagram



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